

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

# PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To:  
INTERNATIONAAL OCTROOIBUREAU B.V.  
Attn. Bosma, Rudolphus H.A.  
Prof. Holstlaan 6  
NL-5656 AA Eindhoven  
NETHERLANDS

26 MEI 2003

BOSMA

Date of mailing  
(day/month/year) 27/05/2003

Applicant's or agent's file reference  
PHUS020023W0

**FOR FURTHER ACTION** See paragraphs 1 and 4 below

International application No.  
PCT/IB 03/ 00113

International filing date  
(day/month/year) 17/01/2003

Applicant

KONINKLIJKE PHILIPS ELECTRONICS N.V.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

**For more detailed instructions, see the notes on the accompanying sheet.**

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.


4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

03 MAY 29 AM 11:05

Name and mailing address of the International Searching Authority  
 European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
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Authorized officer

Katrin Sommermeyer

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PHUS020023W0</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB 03/00113</b>	International filing date (day/month/year) <b>17/01/2003</b>	(Earliest) Priority Date (day/month/year) <b>22/01/2002</b>
Applicant <b>KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

3

☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00113

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09G3/34 G02F1/13357 H05B41/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F G09G H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, INSPEC, PAJ, IBM-TDB, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 151 008 A (ZHANG TIM L) 21 November 2000 (2000-11-21)  the whole document ---	1-7, 9-16, 18-25
Y	US 6 313 586 B1 (OKAZAKI YUTAKA ET AL) 6 November 2001 (2001-11-06) the whole document ---	1-25
P,Y	US 2002/097210 A1 (ALBANI LUIGI ET AL) 25 July 2002 (2002-07-25) the whole document ---	1-25
A	WO 01 41118 A (KONINKL PHILIPS ELECTRONICS NV) 7 June 2001 (2001-06-07) the whole document ---  -/--	1,8,10, 17,25



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

16 May 2003

Date of mailing of the international search report

27/05/2003

Name and mailing address of the ISA

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Authorized officer

Ammerlahn, D

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/00113

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 033 263 A (RICHMOND ABRAHAM W) 5 July 1977 (1977-07-05) abstract column 3, line 66 -column 4, line 14 ---	2,7,11, 16,22
A	US 5 786 801 A (ICHISE ATSUSHI) 28 July 1998 (1998-07-28) abstract; figure 3 -----	9,18,24

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00113

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6151008	A	21-11-2000	NONE	
US 6313586	B1	06-11-2001	JP 2000287035 A DE 10016743 A1 TW 440707 B	13-10-2000 07-12-2000 16-06-2001
US 2002097210	A1	25-07-2002	BR 0109500 A WO 02059732 A1	10-12-2002 01-08-2002
WO 0141118	A	07-06-2001	CN 1345433 T CN 1345434 T WO 0141117 A1 WO 0141118 A1 EP 1171865 A1 EP 1173841 A1	17-04-2002 17-04-2002 07-06-2001 07-06-2001 16-01-2002 23-01-2002
US 4033263	A	05-07-1977	US 4032817 A AU 501985 B2 AU 8740875 A BR 7508210 A CA 1066356 A1 DE 2554889 A1 DK 291178 A DK 562075 A FR 2333402 A1 FR 2322742 A1 GB 1524728 A IT 1050047 B JP 51086279 A NL 7514193 A	28-06-1977 12-07-1979 16-06-1977 14-09-1976 13-11-1979 16-06-1976 28-06-1978 13-06-1976 24-06-1977 01-04-1977 13-09-1978 10-03-1981 28-07-1976 15-06-1976
US 5786801	A	28-07-1998	JP 10097202 A	14-04-1998